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12/19/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: P. ERDMANN *et al.*

Application No.: 09/450,217

Group Art Unit: 1653

Filed: November 29, 1999

Examiner: D. Lukton

For: PROCESS FOR THE TREATMENT OF  
LACTIC RAW MATERIAL

Attorney Docket No.: 88265-296

AMENDMENT AND REPLY

RECEIVED

NOV 14 2002

TECH CENTER 1600/2900

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed on May 16, 2002 Applicants submit the following amendments and remarks for entry into the file of this application. Applicants submit concurrently herewith: (a) a petition for extension of time for three months to and including November 16, 2002; (b) a copy of the pending claims (Appendix A); and (c) a marked copy of the amended claims (Appendix B).

In the Claims:

Please cancel claims 5 and 20.

Please amend the claims as follows:

1. (Three Times Amended) A process for obtaining a fraction of a lactic raw material enriched in glycomacropeptide or caseinoglycomacropeptide ("GMP") comprising the steps of:

deionized lactic raw material having a pH of about 1 to 4.5 with the pH being adjusted, if necessary, to the recited range;

contacting the substantially deionized lactic raw material with an anionic resin having a hydrophobic matrix for a sufficient amount of time and at a sufficient temperature to remove GMP from the substantially deionized lactic raw material and to obtain a treated liquid material;

separating the resin from the treated liquid material; and

separating the GMP enriched fraction from the resin.

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